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SUBSTITUTE PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/696,653 TRANSMITTAL Filing Date October 29, 2003 **FORM** First Named Inventor Michael A. DellaVecchia, et al. Art Unit 3762 (to be used for all correspondence after initial filing) **Examiner Name** Not Yet Known Attorney Docket Number 10 P1145/20006 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Drawing(s) 85heets Fee Transmittal Form (In duplicate) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): - Submission of Formal Drawings Request for Refund **Express Abandonment Request** - Return Receipt Postcard CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts The Office is authorized to charge or credit our Account No. 03-0075 as necessary to under 37 CFR 1.52 or 1.53 effect entry and/or ensure consideration of this submission. Assignment and Cover Sheet SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm CAESAR, RIVISE, BERNSTEIN, COHEN & POKOTILOW, LTD. Frank M. Linguiti, Esq., Reg. No. 32,424 Individual name Signature Date May 3, 2004 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Frank M. Linguiti, Esq.

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

May 3, 2004





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT EXAMINING OPERATION

Applicants: Michael A. Della Vecchia, et al.

Serial No: 10/696,653 Group Art Unit: 3762

Filed: October 29, 2003 Examiner: Not Yet Known

Att. Docket No.: P1145/20006 Confirmation No.: 7753

For: OPTIMIZING THE PROPERTIES OF ELECTROMAGNETIC
ENERGY IN A MEDIUM USING STOCHASTIC PARALLEL
PERTURBATION GRADIENT DESCENT OPTIMIZATION ADAPTIVE OPTICS

## **SUBMISSION OF FORMAL DRAWINGS**

Attn: Drawing Review Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please substitute the attached 8 sheets of formal drawings depicting Figures 1-8 for the drawings filed with the application.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN, COHEN & POKOTILOW, LTD.

May 3, 2004

Please charge or credit our Account No. 03-0075 as necessary to effect entry and/or ensure consideration of this submission.

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